

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
 Data File : BN008247.D
 Acq On : 18 Oct 2019 15:01
 Operator : JU
 Sample : K5178-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPF3

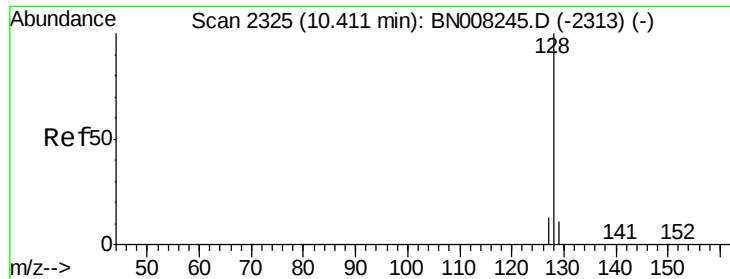
Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:40:16 AM

Quant Time: Oct 18 17:36:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:22:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2775	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	13684	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8800	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	19330	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	17171	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	17345	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3903	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	11436	0.17	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	24332	0.625	ng/ul	99
5) 2-Methylnaphthalene	12.03	142	18182	0.680	ng/ul	99
7) Acenaphthylene	13.95	152	48483	1.157	ng/ul	99
8) Acenaphthene	14.29	153	38887	1.193	ng/ul	99
9) Fluorene	15.28	166	40844	1.104	ng/ul	96
11) Pentachlorophenol	16.64	266	419	0.090	ng/ul	98
12) Phenanthrene	17.02	178	986923	17.439	ng/ul	99
13) Anthracene	17.11	178	189809	3.811	ng/ul	99
15) Fluoranthene	19.05	202	1725513	23.085	ng/ul	98
17) Pyrene	19.41	202	2055136	30.059	ng/ul	99
18) Benzo(a)anthracene	21.17	228	1152819	18.466	ng/ul	97
19) Chrysene	21.22	228	1216445	15.878	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	1128261m	19.982	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	405627m	6.342	ng/ul	
23) Benzo(a)pyrene	23.28	252	874119	14.712	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.53	276	458199	6.548	ng/ul	100
25) Dibenzo(a,h)anthracene	25.53	278	133374	2.411	ng/ul	98
26) Benzo(g,h,i)perylene	26.19	276	472066	7.356	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3

Naphthalene

Concen: 0.625 ng/ul

RT: 10.41 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BN008247.D

Acq: 18 Oct 2019 15:01

Instrument :

BNA_N

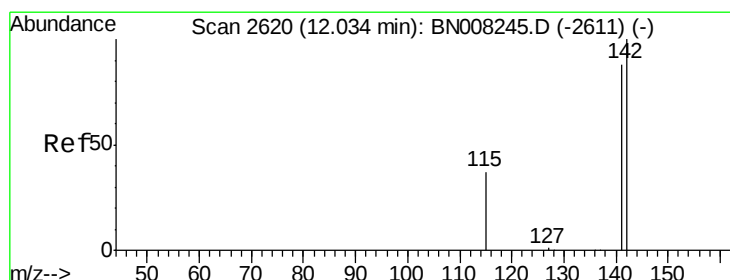
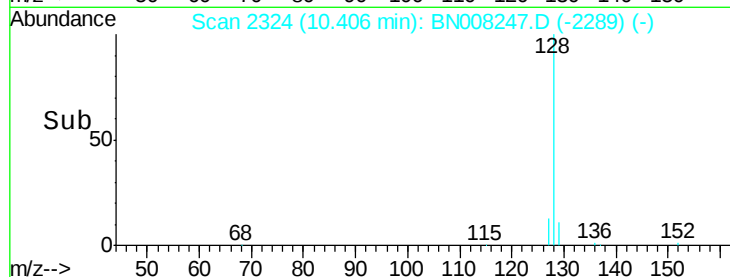
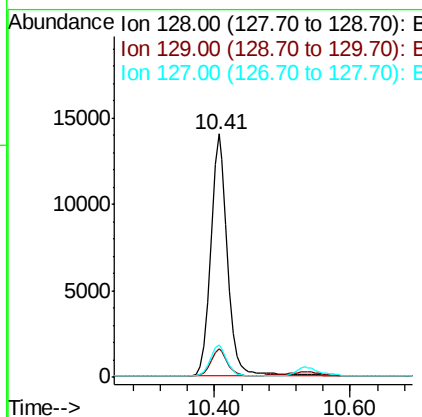
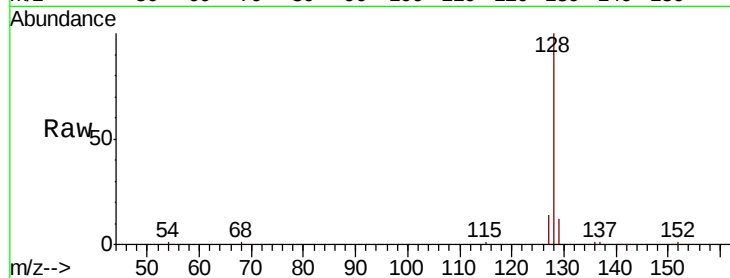
ClientSampleId :

BEPF3

Tot Ion:	128	Resp:	24332
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.8
127	13.5	11.1	16.7

Manual Integrations
APPROVED

mohammad
10/22/2019 1:40:16 AM



#5

2-Methylnaphthalene

Concen: 0.680 ng/ul

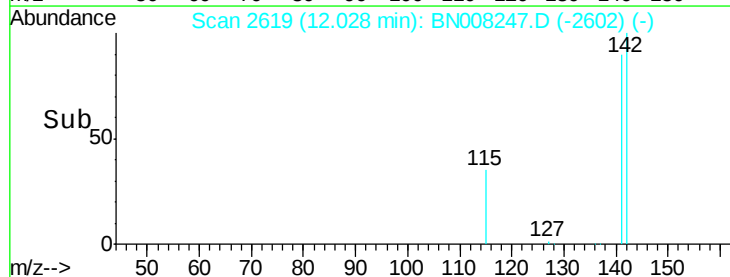
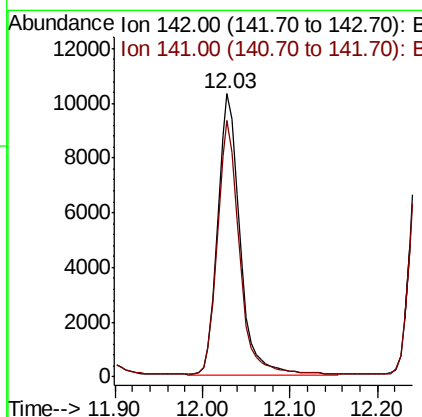
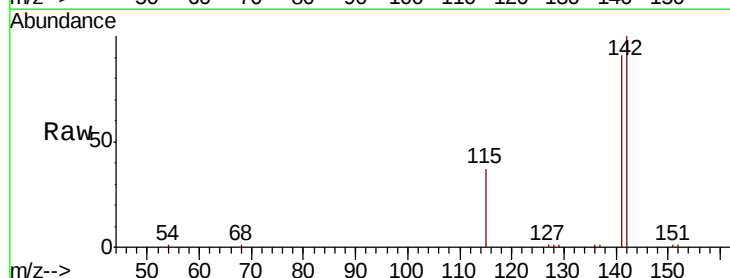
RT: 12.03 min Scan# 2619

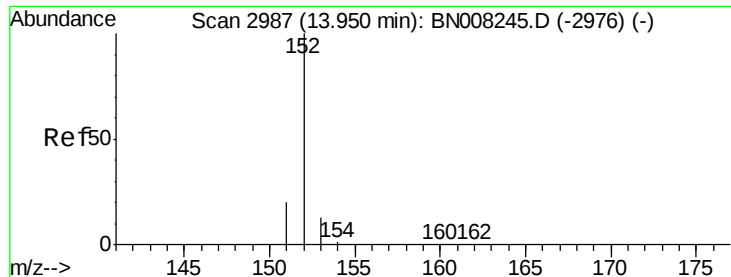
Delta R.T. -0.01 min

Lab File: BN008247.D

Acq: 18 Oct 2019 15:01

Tgt Ion:	142	Resp:	18182
Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.4	107.2





#7

Acenaphthylene

Concen: 1.157 ng/ul

RT: 13.95 min Scan# 2986

Delta R.T. -0.00 min

Lab File: BN008247.D

Acq: 18 Oct 2019 15:01

Instrument :

BNA_N

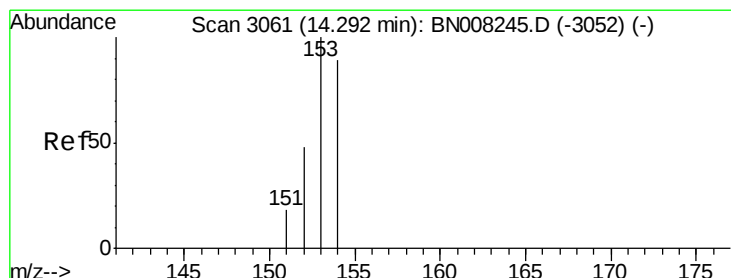
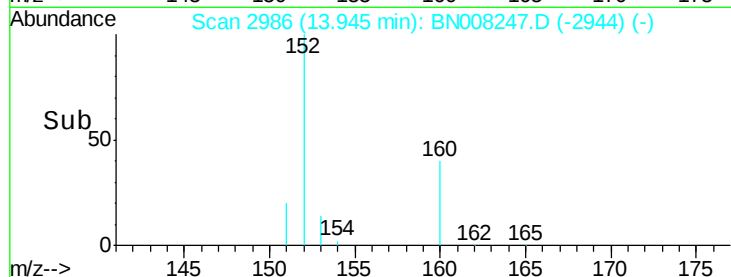
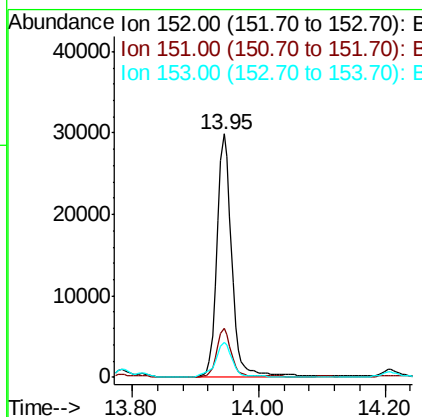
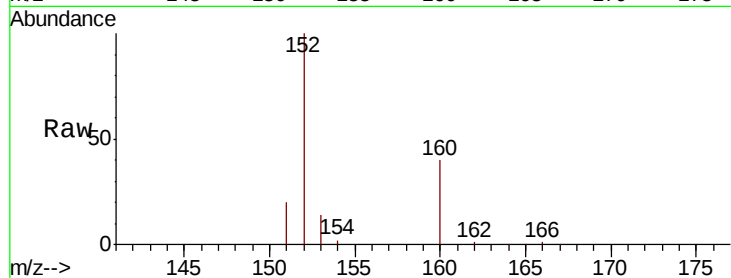
ClientSampleId :

BEPF3

Tot Ion:	152	Resp:	48483
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.4
153	14.4	11.0	16.4

Manual Integrations
APPROVED

mohammad
10/22/2019 1:40:16 AM



#8

Acenaphthene

Concen: 1.193 ng/ul

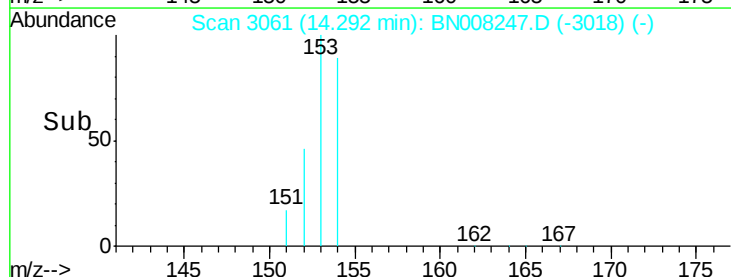
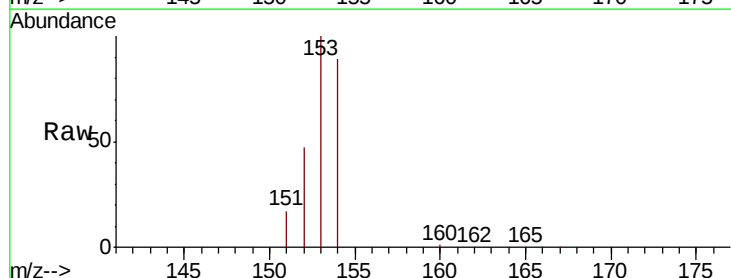
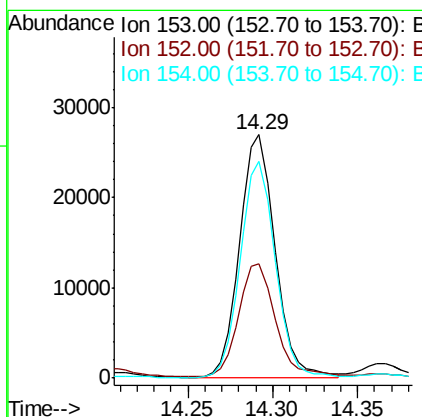
RT: 14.29 min Scan# 3061

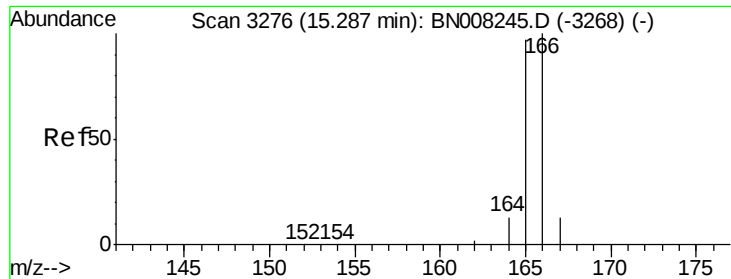
Delta R.T. 0.00 min

Lab File: BN008247.D

Acq: 18 Oct 2019 15:01

Tgt Ion:	153	Resp:	38887
Ion Ratio	Lower	Upper	
153	100		
152	47.0	38.2	57.2
154	88.8	71.8	107.8





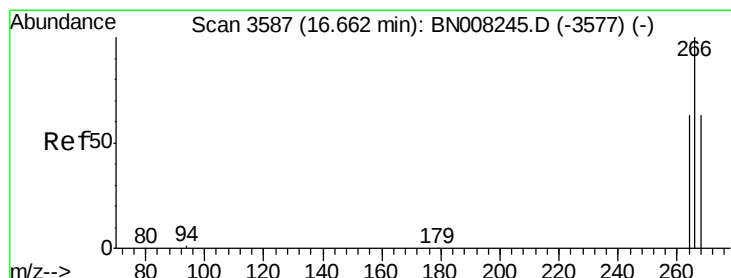
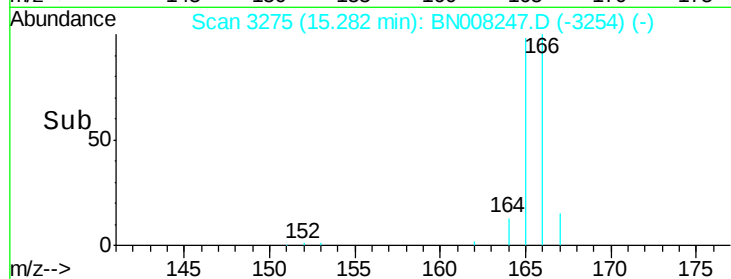
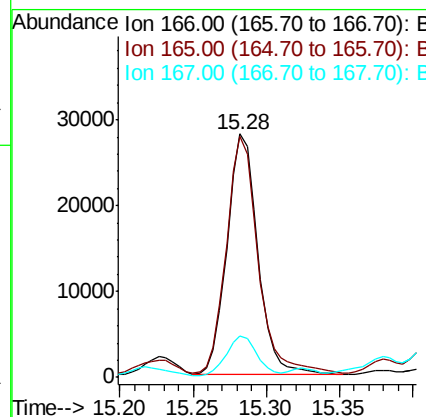
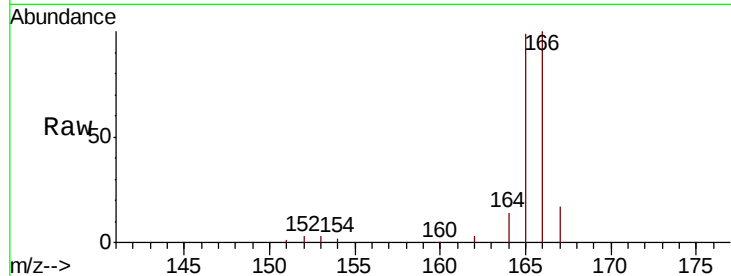
#9
Fluorene
 Concen: 1.104 ng/ul
 RT: 15.28 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: BN008247.D
 Acq: 18 Oct 2019 15:01

Instrument :
 BNA_N
 ClientSampleId :
 BEPF3

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.6	115.0
167	17.2	11.7	17.5

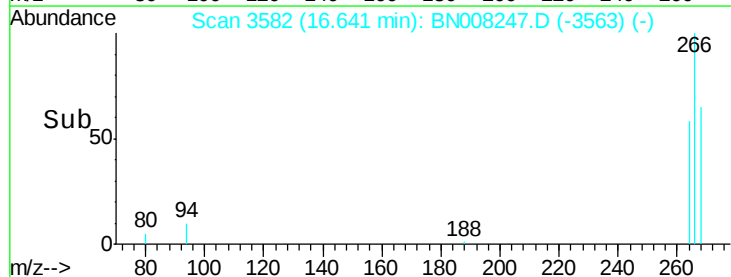
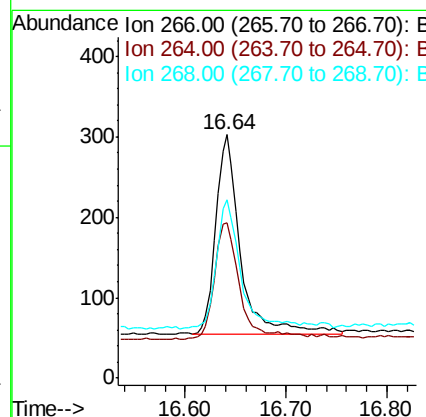
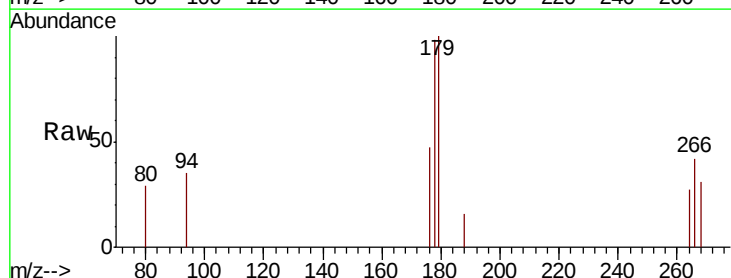
Manual Integrations
 APPROVED

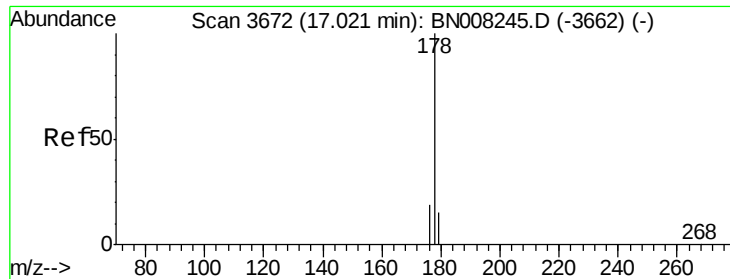
mohammad
 10/22/2019 1:40:16 AM



#11
Pentachlorophenol
 Concen: 0.090 ng/ul
 RT: 16.64 min Scan# 3582
 Delta R.T. -0.02 min
 Lab File: BN008247.D
 Acq: 18 Oct 2019 15:01

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.7	50.1	75.1
268	64.2	51.9	77.9





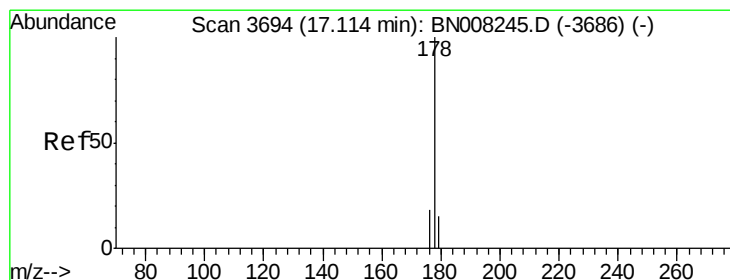
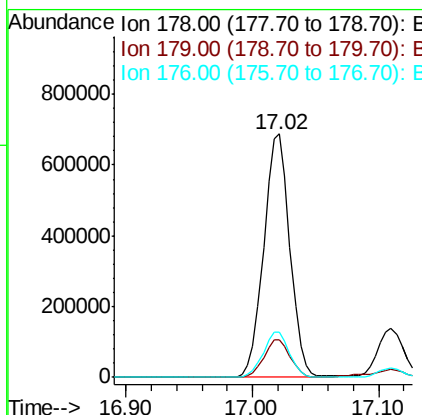
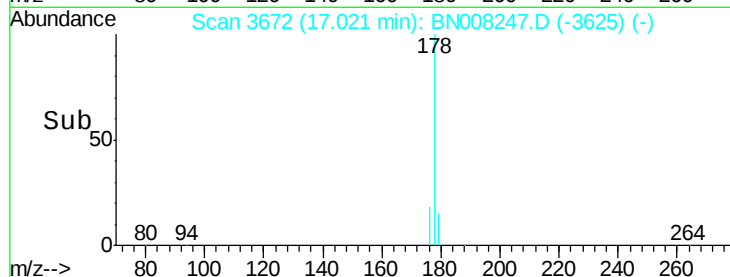
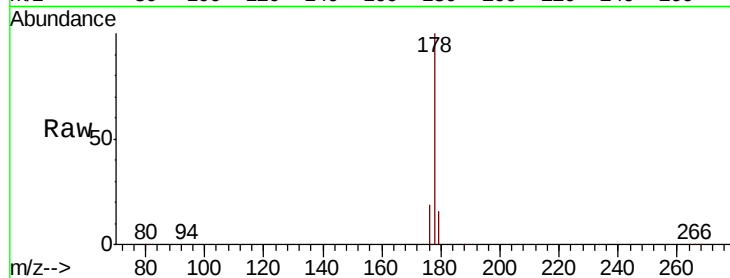
#12
Phenanthrene
Concen: 17.439 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Instrument :
BNA_N
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.5	15.4	23.2

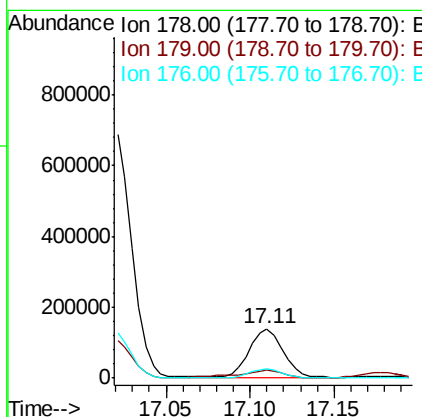
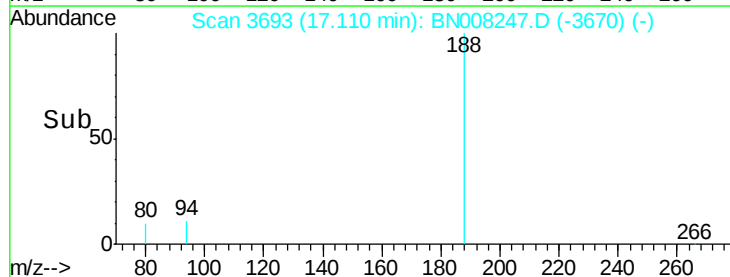
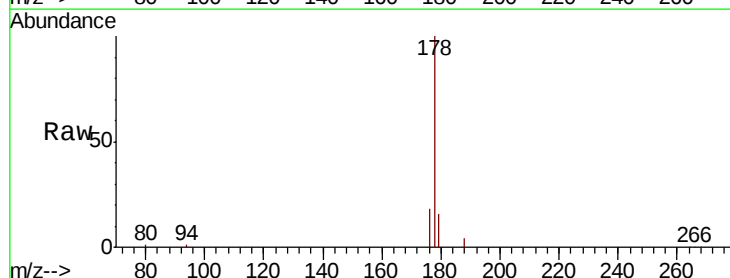
Manual Integrations
APPROVED

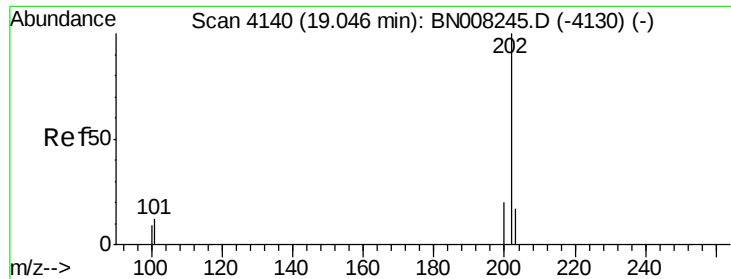
mohammad
10/22/2019 1:40:16 AM



#13
Anthracene
Concen: 3.811 ng/ul
RT: 17.11 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	18.1	15.0	22.6





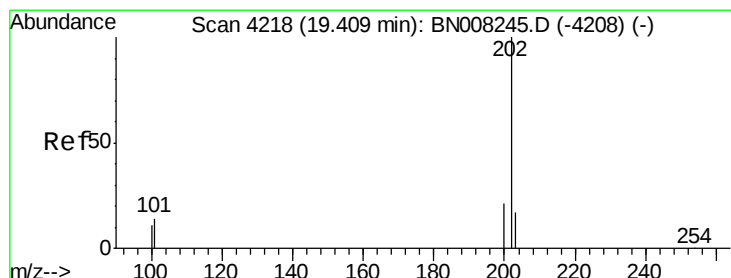
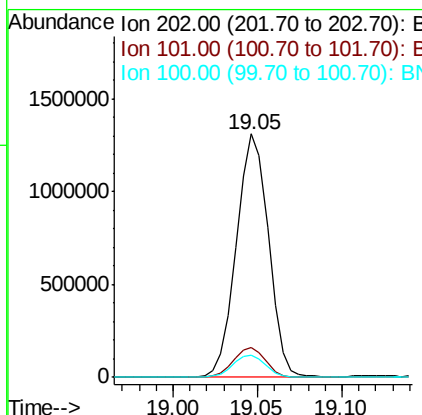
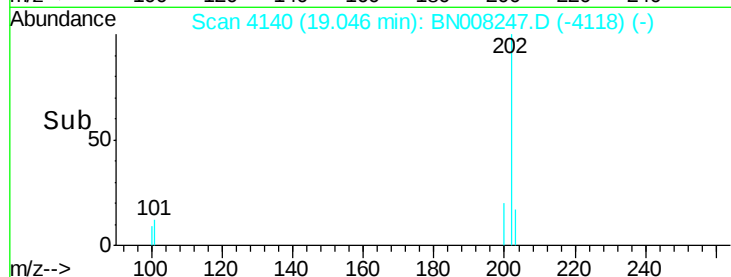
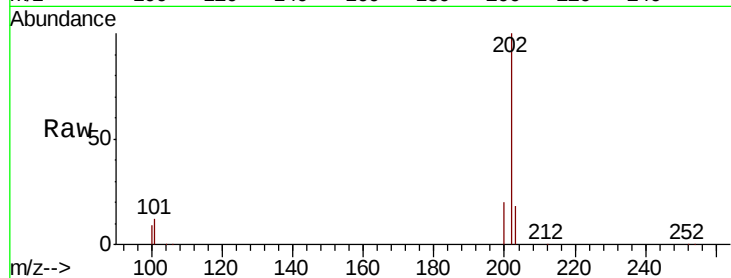
#15
Fluoranthene
Concen: 23.085 ng/ul
RT: 19.05 min Scan# 4140
Delta R.T. 0.00 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Instrument :
BNA_N
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
100	9.1	0.0	28.5

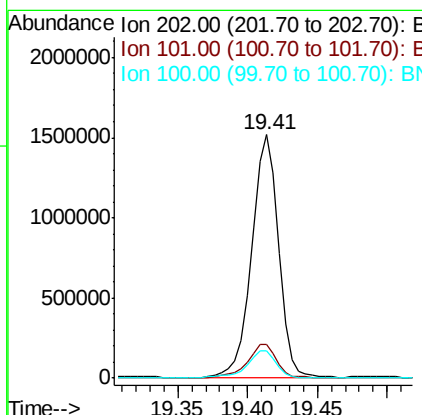
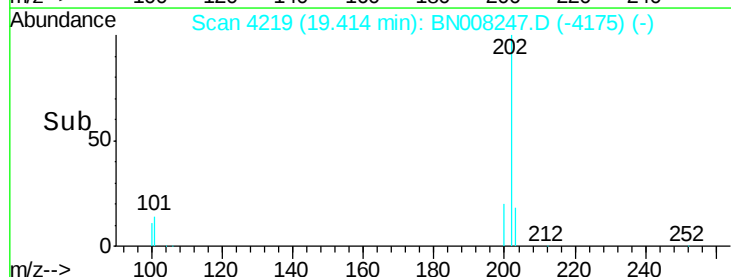
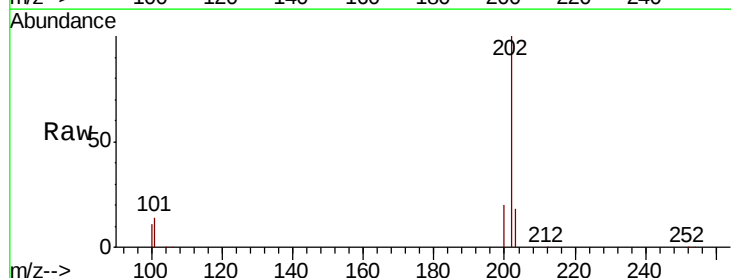
Manual Integrations
APPROVED

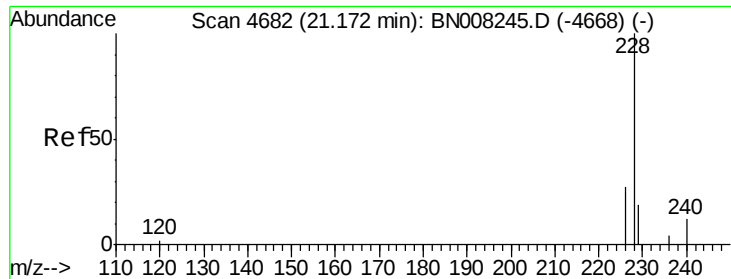
mohammad
10/22/2019 1:40:16 AM



#17
Pyrene
Concen: 30.059 ng/ul
RT: 19.41 min Scan# 4219
Delta R.T. 0.00 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.9	16.3
100	11.2	8.7	13.1





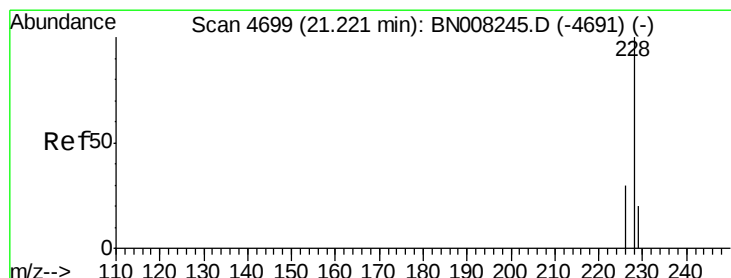
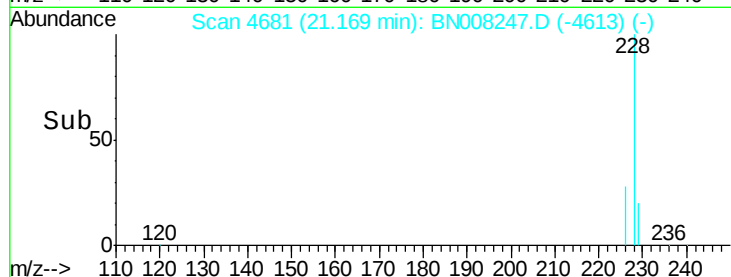
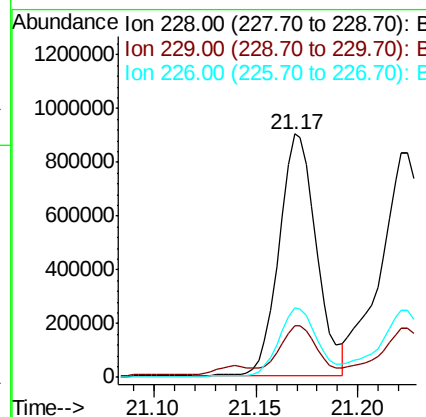
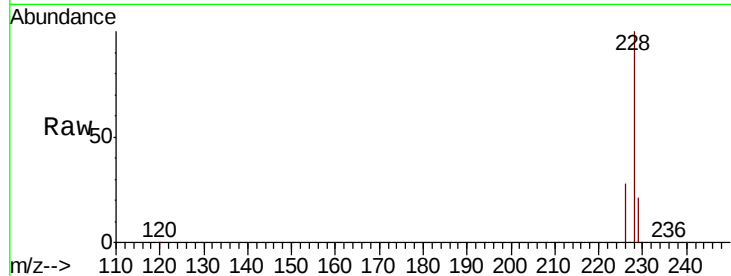
#18
Benzo(a)anthracene
Concen: 18.466 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Instrument :
BNA_N
ClientSampled :
BEPF3

Tot Ion:228 Resp: 1152819
Ion Ratio Lower Upper
228 100
229 21.1 16.2 24.2
226 28.4 21.4 32.0

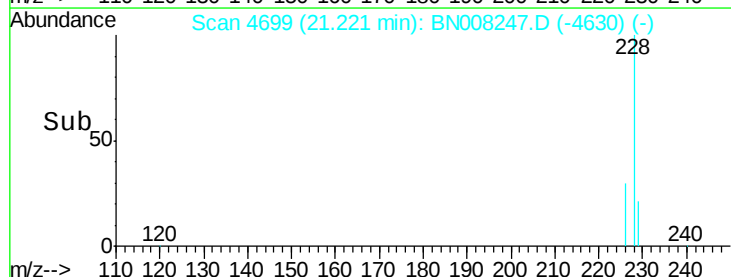
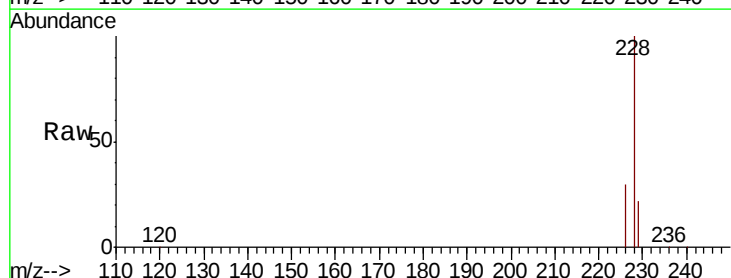
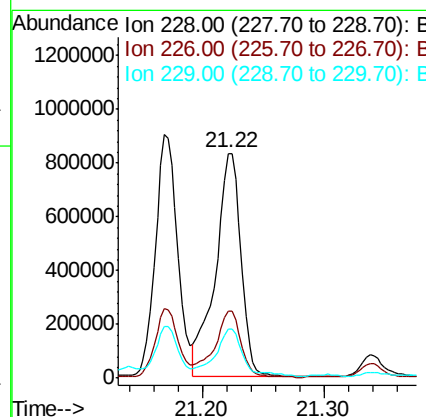
Manual Integrations
APPROVED

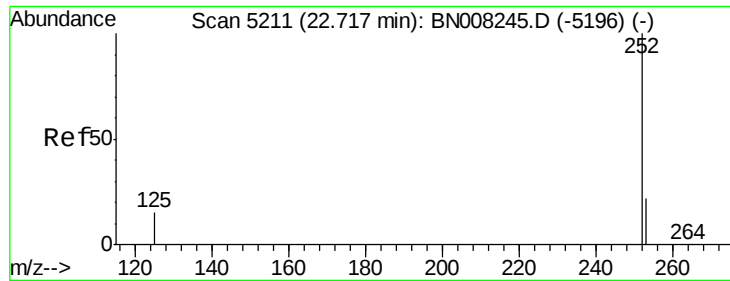
mohammad
10/22/2019 1:40:16 AM



#19
Chrysene
Concen: 15.878 ng/ul
RT: 21.22 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Tgt Ion:228 Resp: 1216445
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 21.8 16.2 24.2





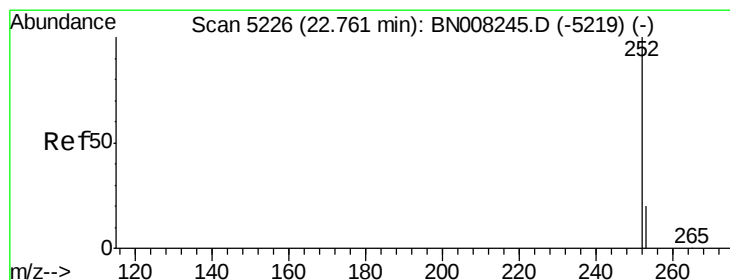
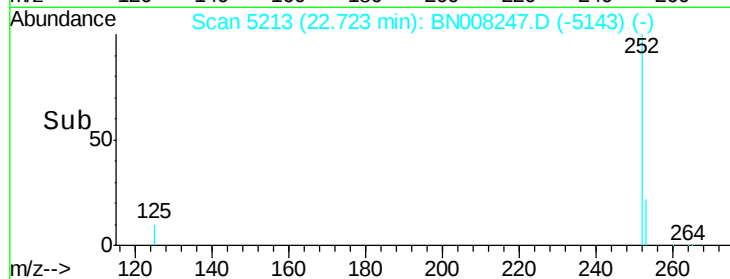
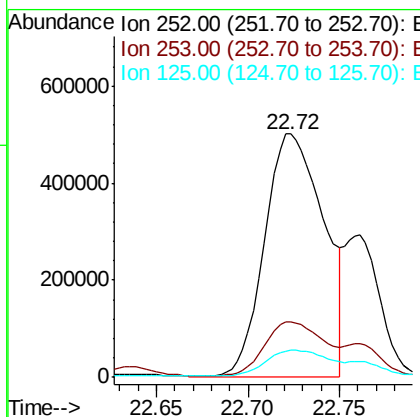
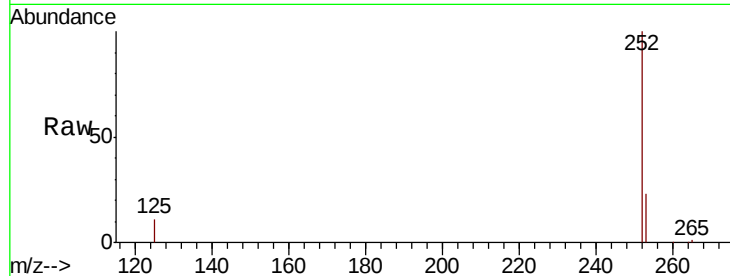
#21
Benzo(b)fluoranthene
Concen: 19.982 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.01 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Instrument :
BNA_N
ClientSampleId :
BEPF3

Tot Ion:252 Resp: 1128261
Ion Ratio Lower Upper
252 100
253 23.0 0.0 53.4
125 11.0 0.0 32.4

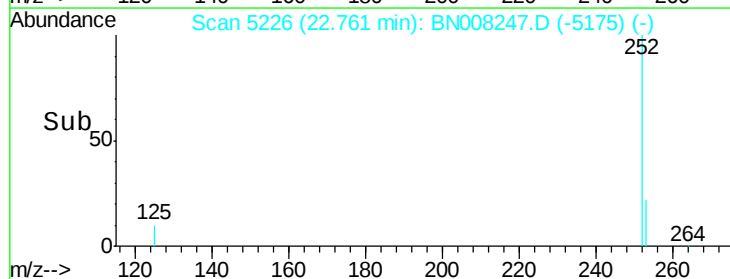
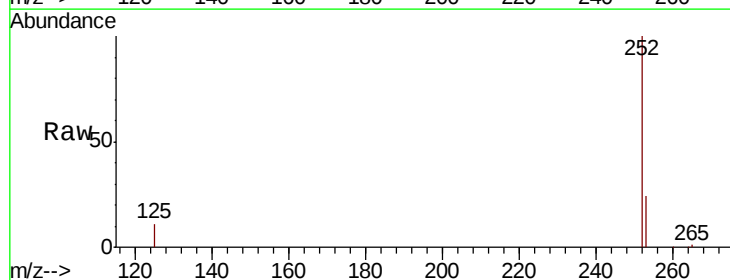
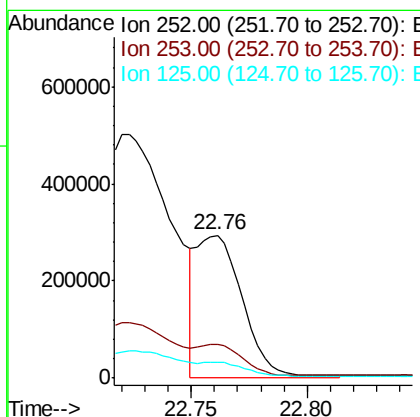
Manual Integrations
APPROVED

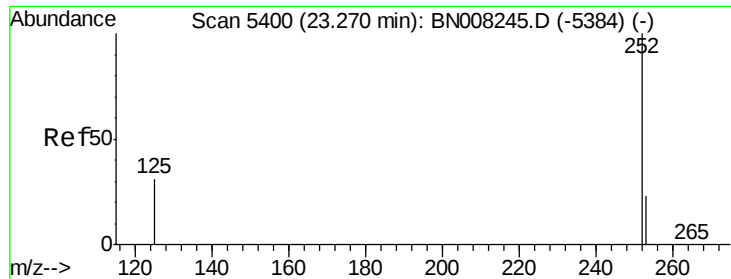
mohammad
10/22/2019 1:40:16 AM



#22
Benzo(k)fluoranthene
Concen: 6.342 ng/ul m
RT: 22.76 min Scan# 5226
Delta R.T. 0.00 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Tgt Ion:252 Resp: 405627
Ion Ratio Lower Upper
252 100
253 23.6 21.3 31.9
125 11.2 12.3 18.5#





#23

Benzo(a)pyrene

Concen: 14.712 ng/ul

RT: 23.28 min Scan# 5402

Delta R.T. 0.01 min

Lab File: BN008247.D

Acq: 18 Oct 2019 15:01

Instrument :

BNA_N

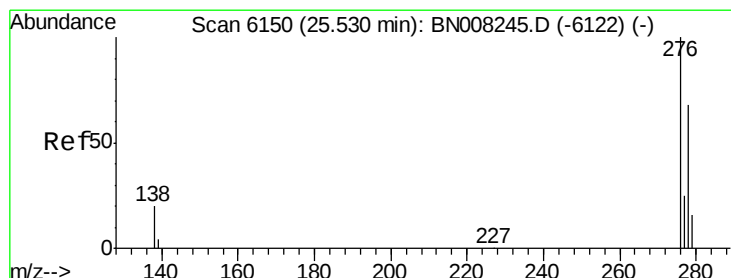
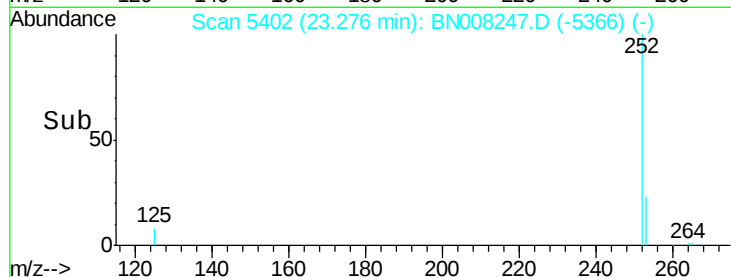
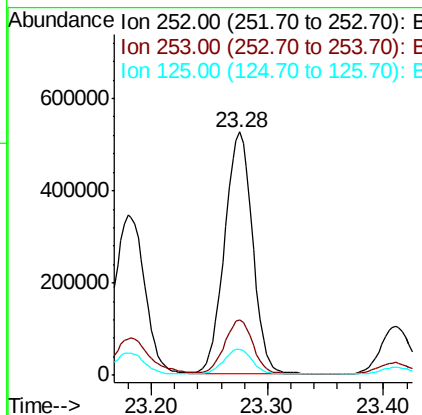
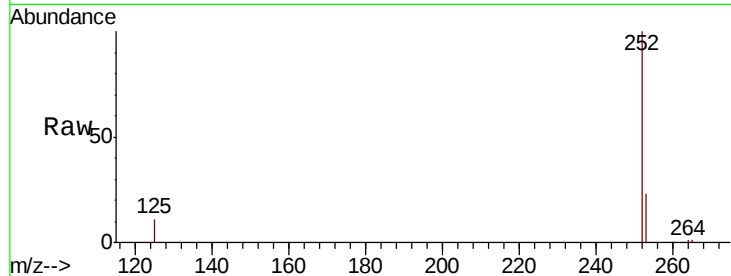
ClientSampleId :

BEPF3

Tot Ion:	252	Resp:	874119
Ion Ratio	Lower	Upper	
252	100		
253	22.7	22.8	34.2#
125	10.9	18.4	27.6#

Manual Integrations
APPROVED

mohammad
10/22/2019 1:40:16 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.548 ng/ul

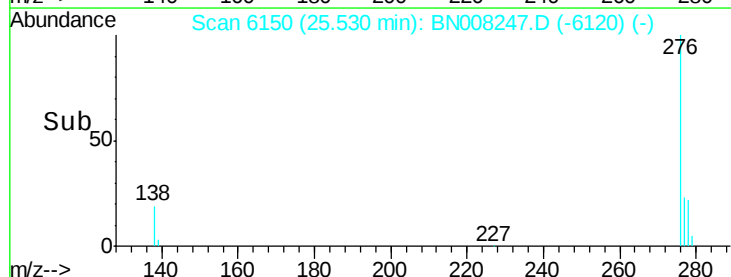
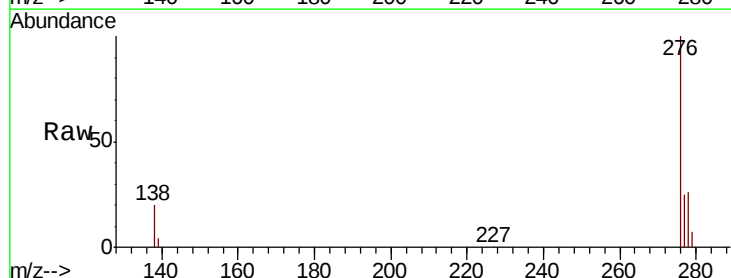
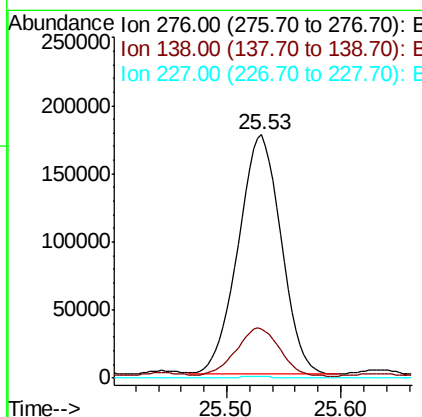
RT: 25.53 min Scan# 6150

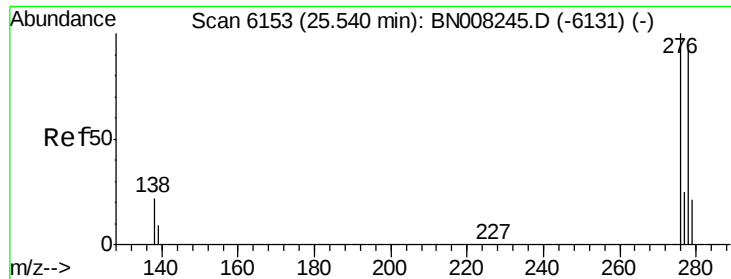
Delta R.T. 0.00 min

Lab File: BN008247.D

Acq: 18 Oct 2019 15:01

Tgt Ion:	276	Resp:	458199
Ion Ratio	Lower	Upper	
276	100		
138	20.2	16.1	24.1
227	0.2	0.2	0.2





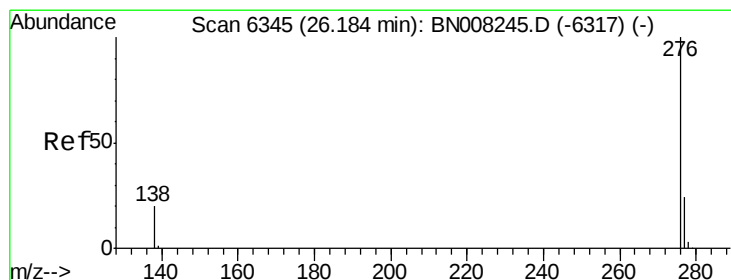
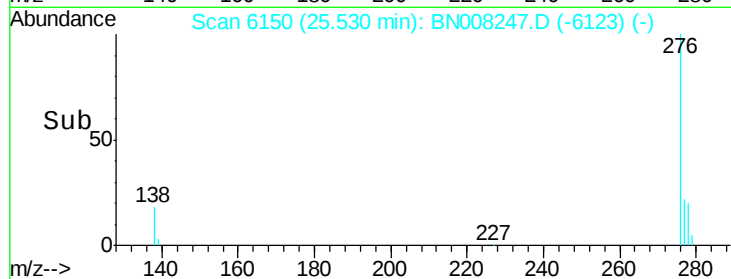
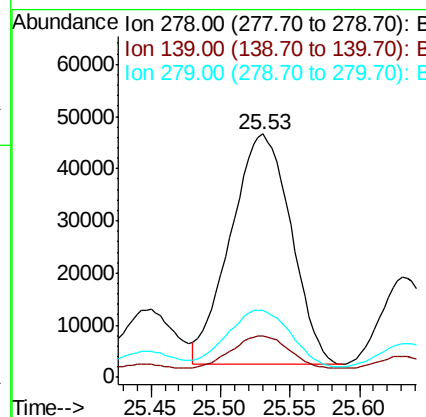
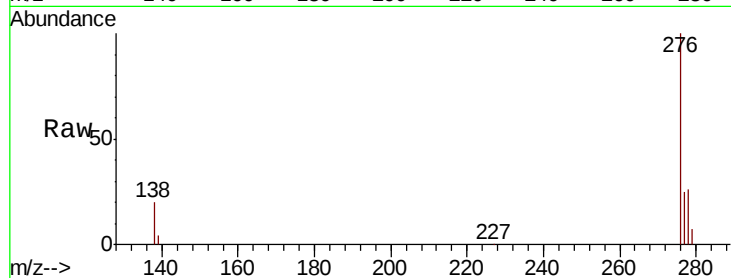
#25
Dibenzo(a,h)anthracene
Concen: 2.411 ng/uL
RT: 25.53 min Scan# 6150
Delta R.T. -0.01 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Instrument :
BNA_N
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.0	22.6
279	27.7	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/22/2019 1:40:16 AM



#26
Benzo(g,h,i)perylene
Concen: 7.356 ng/uL
RT: 26.19 min Scan# 6347
Delta R.T. 0.01 min
Lab File: BN008247.D
Acq: 18 Oct 2019 15:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	17.0	25.4
277	24.3	20.4	30.6

